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takes a colorimetry value that has a smallest chroma as the target color of the representing color from within the colorimetry values of the representing color when displaying the representing color to the plurality of display units without a color conversion.

9. The multi-vision system according to claim 2, wherein the color conversion coefficient calculation unit decides a signal value of at least one of the representing colors, and, as the target color of the representing color, takes an average value of the colorimetry values of the representing color when displaying the representing color to the plurality of display units without a color conversion.

10. The multi-vision system according to claim 2 comprising a memory for storing a chromaticity value of the target color and a colorimetry value of each display unit,

wherein the color conversion coefficient calculation unit compares a chromaticity value obtained in a next calibration with one of the chromaticity value of the target color and a colorimetry value of a previous calibration, and the color conversion coefficient is calculated when there is a certain amount of difference between compared values.

11. The multi-vision system according to claim 2 comprising a memory for storing the chromaticity value of the target color and a colorimetry value of each display unit,

wherein the color conversion coefficient calculation unit compares the chromaticity value obtained in the next calibration with one of the previous colorimetry value and the chromaticity value of the target color, selects a display unit that has a certain amount of difference between the compared values, and calculates the color conversion coefficient of a selected display unit.

12. A display unit, for displaying color by a mixture of primary colors, comprising:

a sensor for performing colorimetry of a display color of the display unit;

a color conversion coefficient calculation unit for calculating color conversion coefficients to calibrate the display color of the display unit by using the colorimetry value obtained from the sensor by performing colorimetry for the display color of the display unit; and

a color processing unit for performing a color conversion of the display color of the display unit by using a calculated color conversion coefficient from the color conversion coefficient calculation unit;

wherein the color processing unit receives a signal of at least one of representing colors, and displays a representing color on the display unit without a color conversion;

wherein the sensor performs colorimetry for the representing color on the display unit displayed by the color processing unit; and

wherein the color conversion coefficient calculation unit calculates the color conversion coefficients of the display unit for color converting the representing color measured by the sensor to a pre-determined target color, and outputs a calculated color conversion coefficient to the color processing unit.

13. The display unit according to claim 12, wherein the color conversion coefficient calculation unit calculates the color conversion coefficients by using a 3-dimensional space.

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14. The display unit according to claim 13, wherein the color conversion coefficient calculation unit calculates the color conversion coefficients by using XYZ tristimulus values of an obtained color from the mixture of three primary colors in an additive mixture of color stimuli model.

15. A color calibration method of the multi-vision system including a plurality of display units, comprising:

a sensor step for performing colorimetry of display colors from the plurality of display units;

a color conversion coefficient calculating step for calculating color conversion coefficients to calibrate a display color of each display unit using colorimetry values obtained from the sensor by performing colorimetry for the display colors of the plurality of display units measured by the sensor step; and

a color processing step for performing a color conversion of the display color of each display unit by using calculated color conversion coefficients from the color conversion coefficient calculating step.

16. The color calibration method of the multi-vision system according to claim 15,

wherein the color processing step includes a step of receiving a signal of at least one of representing colors, and a step of displaying the representing color on the display units without a color conversion,

wherein the sensor step includes a step of performing colorimetry for the representing color of the plurality of display units displayed by the color processing step; and wherein the color conversion coefficient calculating step includes a step of calculating the color conversion coefficients of each display unit for color converting the representing color measured by the sensor to a pre-determined target color, and a step of outputting a calculated color conversion coefficient to the color processing step.

17. The multi-vision system according to claim 1, wherein said color conversion coefficient calculation unit calculates the color conversion coefficient of each display unit so that color conversion performed by said color processing unit achieves a display color for said plurality of display units that matches the same target color.

18. The multi-vision system according to claim 17, wherein said target color is calculated as a function of the colorimetry values for all of said plurality of display units.

19. The color calibration method of the multi-vision system according to claim 15, wherein said color conversion coefficient calculating step calculates the color conversion coefficient of each display unit so that color conversion performed by said color processing step achieves a display color for said plurality of display units that matches the same target color.

20. The color calibration method of the multi-vision system according to claim 19, wherein said target color is calculated as a function of the colorimetry values for all of said plurality of display units.